

Serial

CLAIMS

1. An electric power steering apparatus, comprising:
an electric motor for steering assistance;
a worm shaft on which a worm is disposed;
a steering shaft on which a worm wheel is disposed and
to which a rotary motion of said electric motor is
transmitted through said worm shaft; and
a biasing member biasing said worm shaft deflectable
toward said worm wheel, in a deflective direction of said
worm shaft.

2. The electric power steering apparatus of claim 1,
wherein

said worm shaft is deflectable in a side of said worm
shaft, interlocked with an output shaft of said electric
motor and an interlocking member interlocking said worm shaft
and said output shaft is provided therebetween.

3. The electric power steering apparatus of claim 1,
wherein

said worm shaft is supported in a gear housing having a
tapped hole, and said biasing member includes a screw body
tightly fastened in said tapped hole and a spring body
interposed between said screw body and said worm shaft.

4. The electric power steering apparatus of claim 1,
wherein

said worm shaft is supported in a gear housing having a

tapped hole, and said biasing member includes a screw body which is tightly fastened in said tapped hole and which is in contact with said worm shaft or a bearing fitted to said worm shaft.

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5. An electric power steering apparatus, comprising:
an electric motor for steering assistance;
a worm shaft on which a worm is disposed;
a steering shaft on which a worm wheel is disposed and to which a rotary motion of said electric motor is transmitted through said worm shaft; and
a biasing member biasing said worm wheel deflectable toward said worm shaft, in a deflective direction of said worm wheel.

6. The electric power steering apparatus of claim 5, wherein

said worm wheel is fitted to said steering shaft, and said biasing member includes an elastic ring fitted to a fit portion of said worm wheel to said steering shaft.

